

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

18334 U.S. PTO



071304



**FIG. 1**

18334 U.S. PTO

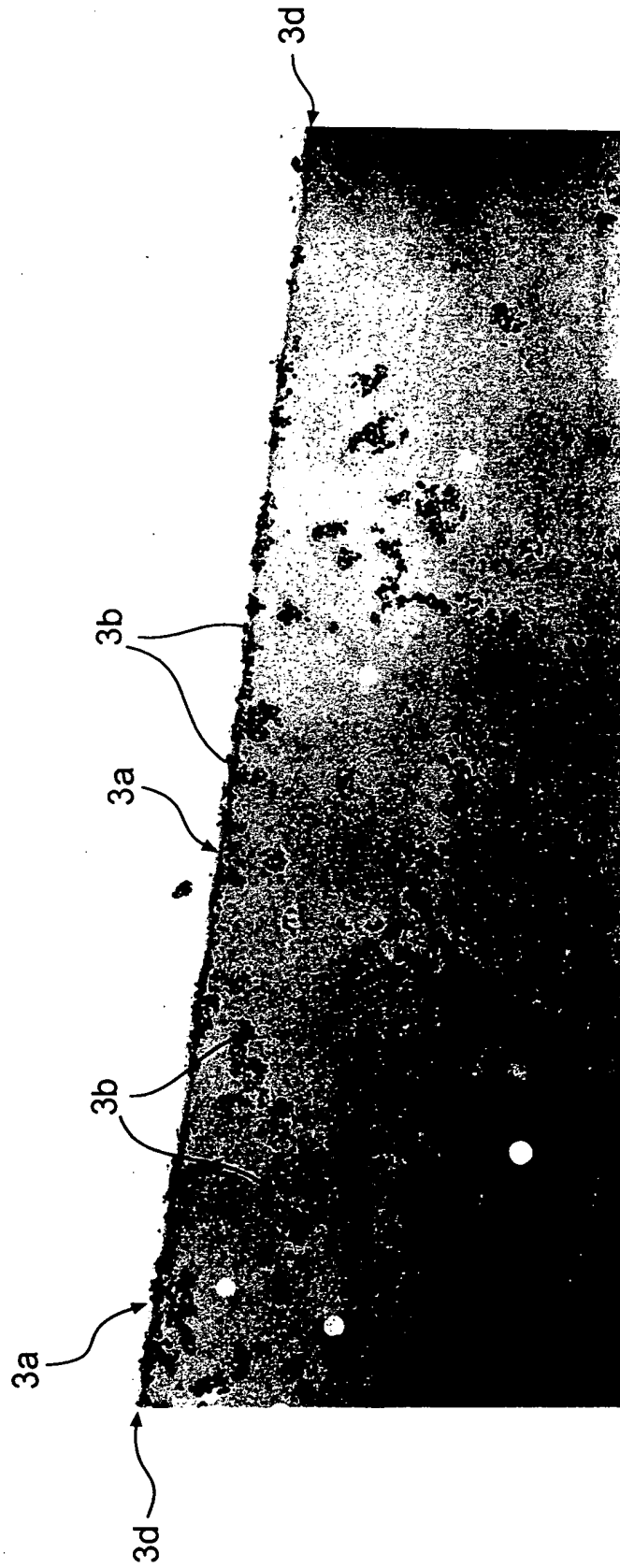


**FIG. 2**

18334 U.S. PTO

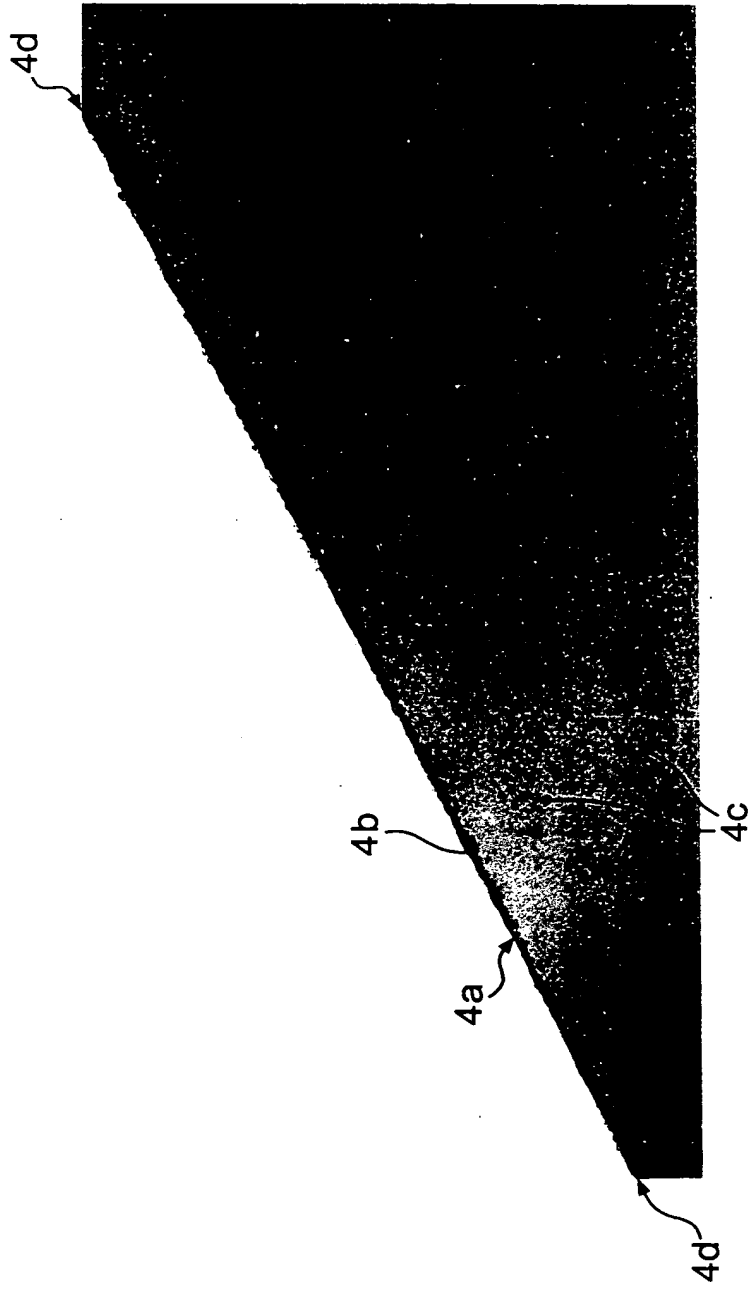


071304



**FIG. 3**

18334 U.S. PTO



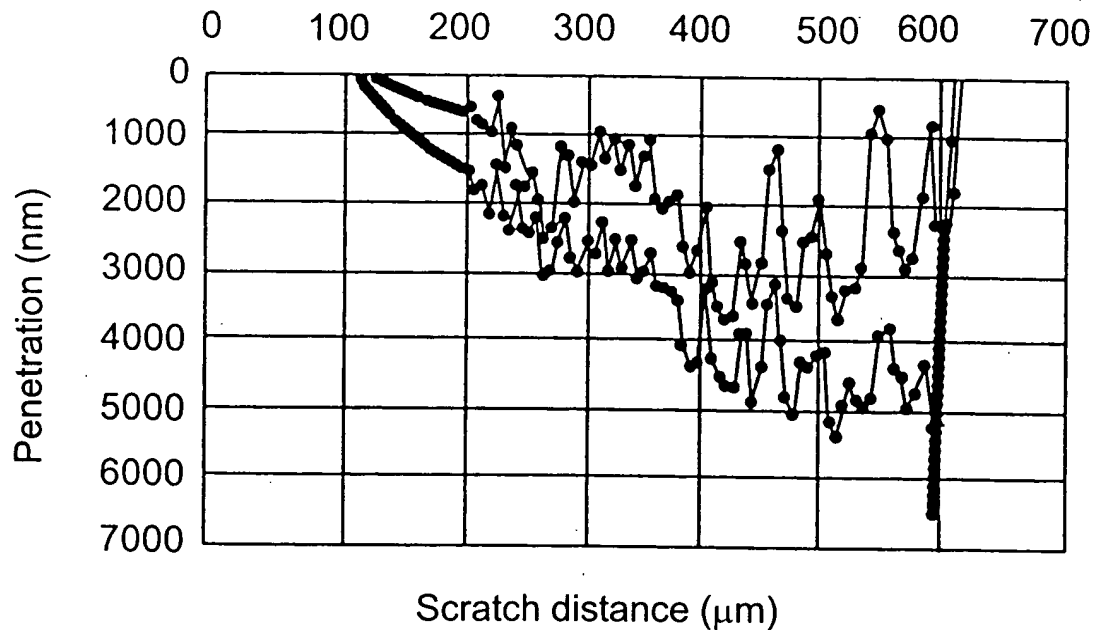
**FIG. 4**



## Replacement Sheet

Depth vs. distance

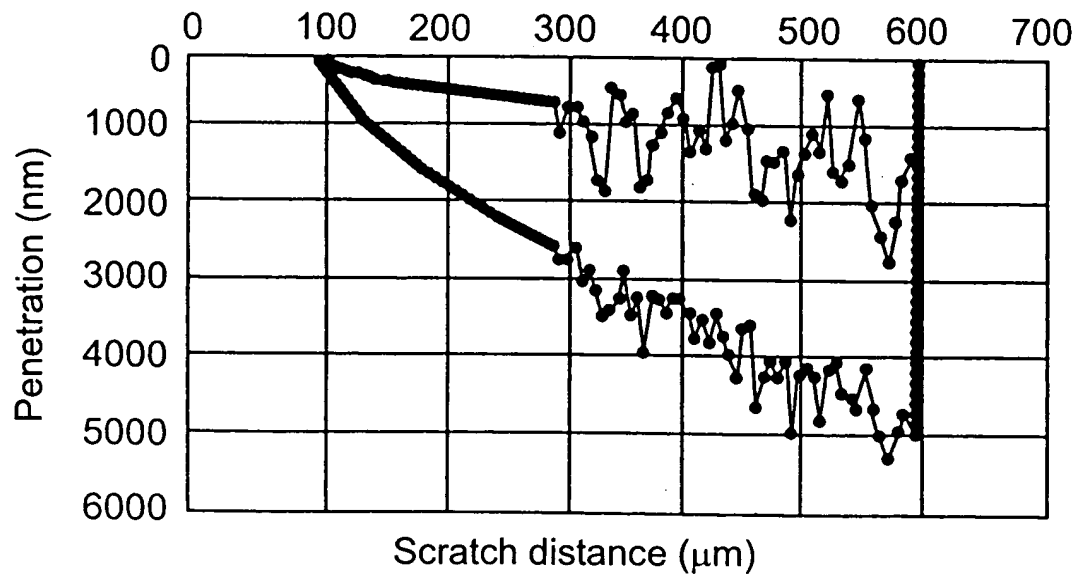
Critical load=5.65mN



**FIG. 5**

Depth vs distance

Critical load=11.74mN



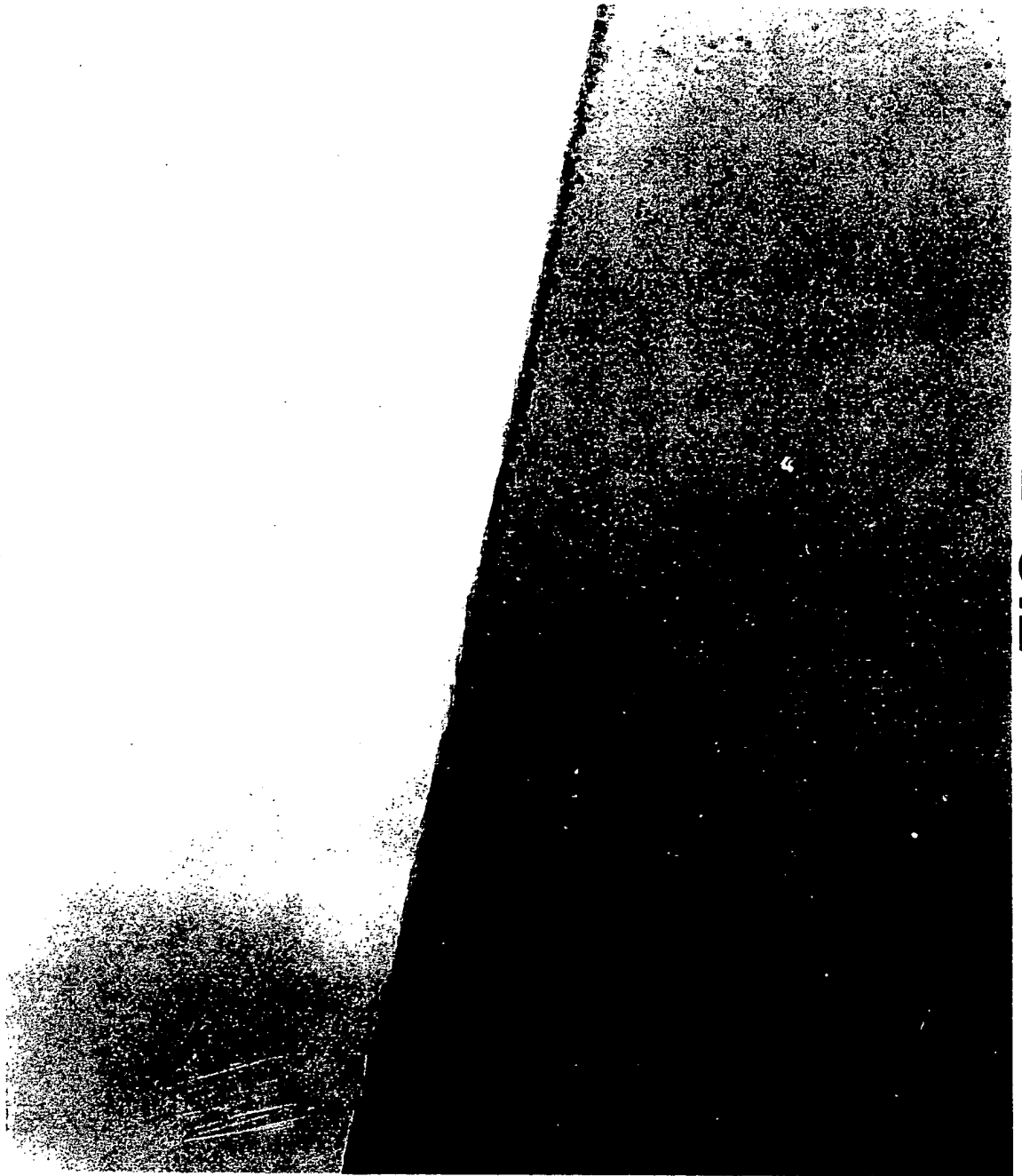
**FIG. 6**

# Replacement Sheet

18334 U.S. PTO



071304



**FIG. 7**

# Replacement Sheet

18334 U.S. PTO



071304



**FIG. 8**

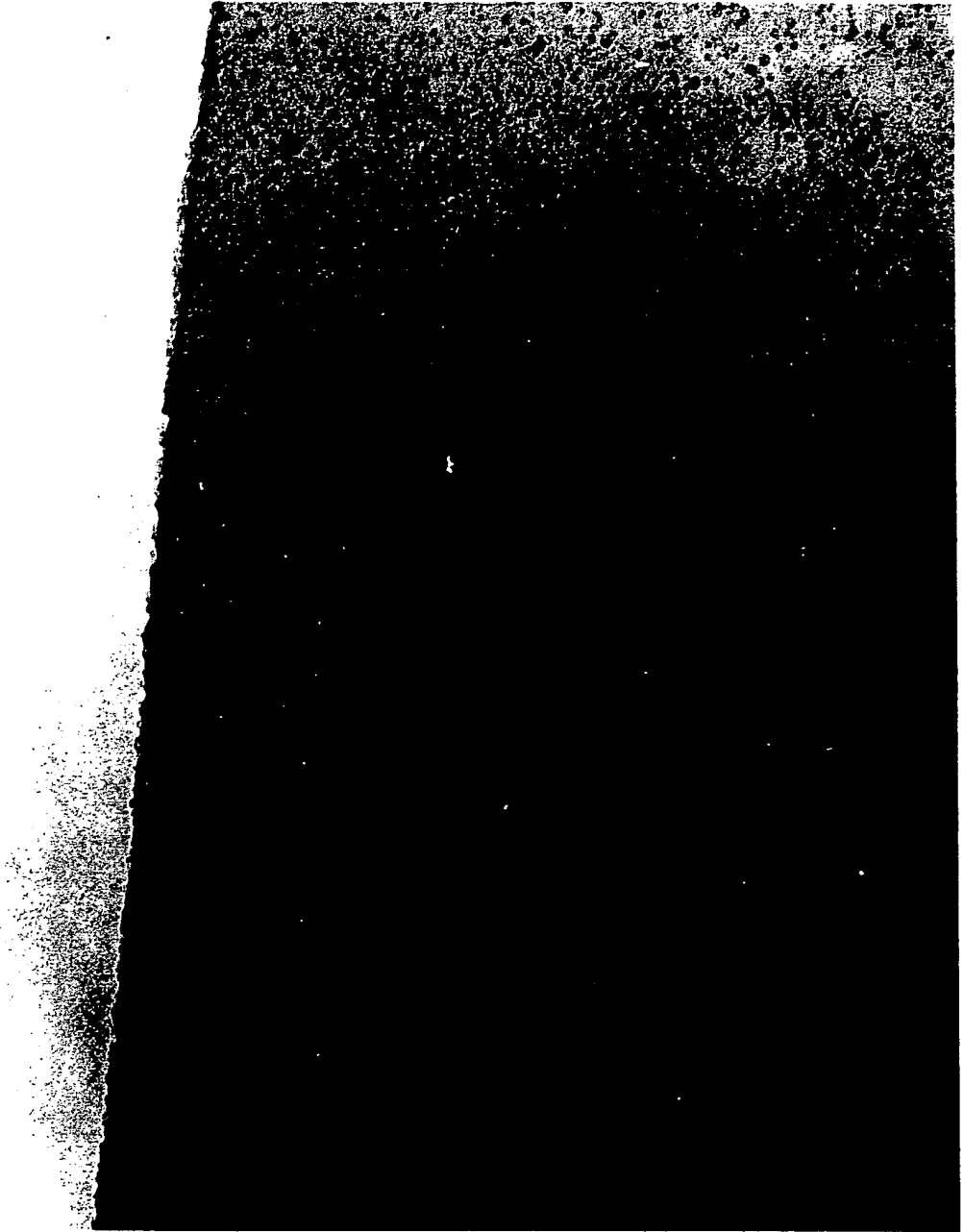


# Replacement Sheet

18334 U.S. PTO



071304



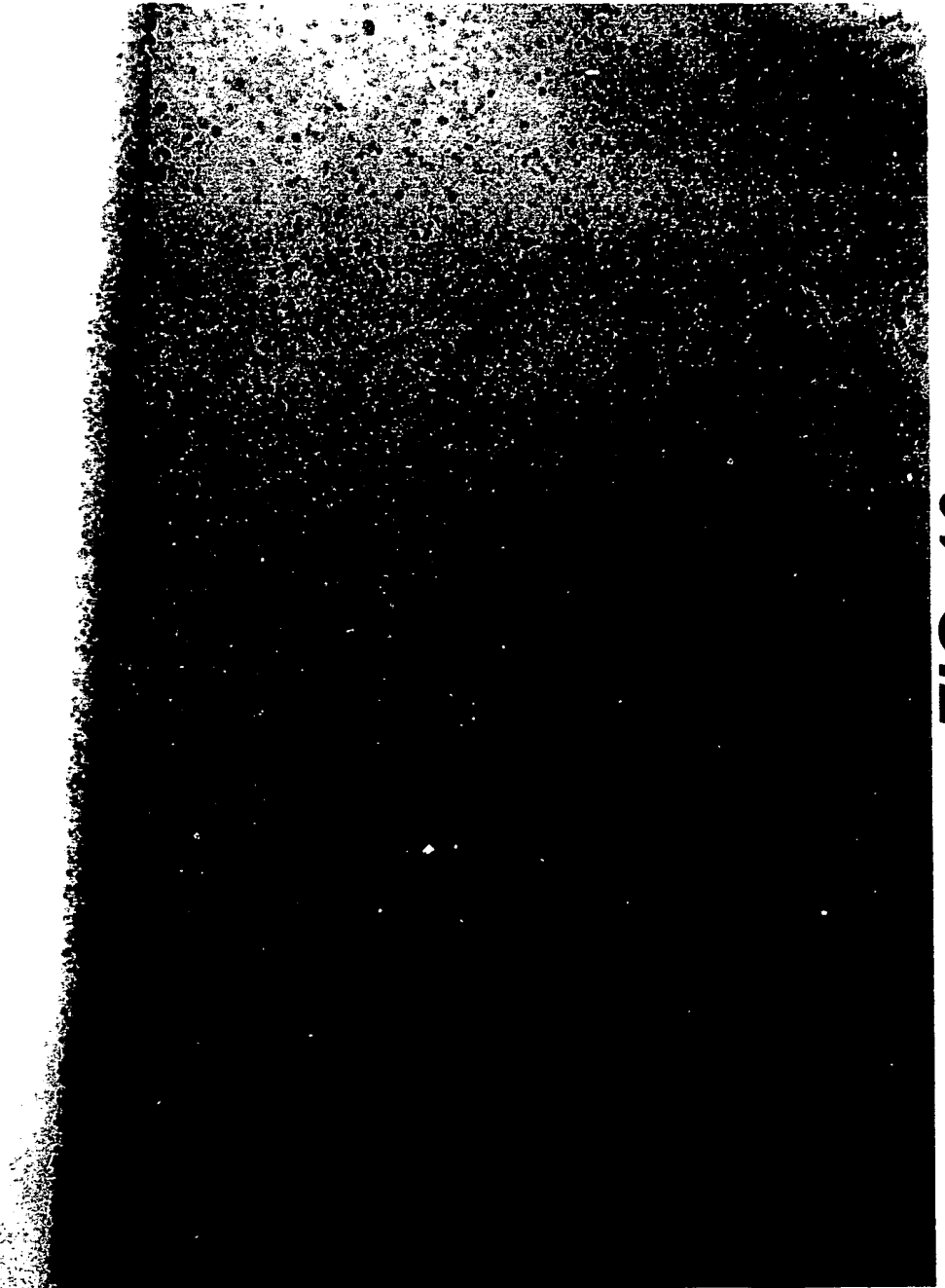
**FIG. 9**

# Replacement Sheet



071304

18334 U.S. PTO



**FIG. 10**